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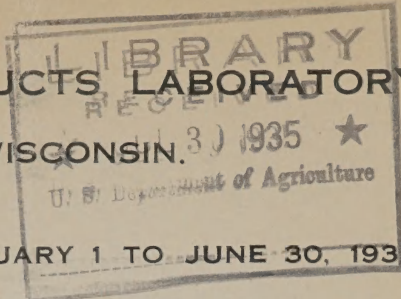
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U. S. FOREST PRODUCTS LABORATORY

MADISON, WISCONSIN.



LIST OF PUBLICATIONS JANUARY 1 TO JUNE 30, 1935

Publications available for distribution at the Laboratory are marked with an asterisk (\*). Those not so marked are available as noted after the title.

Trade journals and magazines referred to, if not available in your local library, may be obtained from the list of publishers given on the last page.

CHEMISTRY OF WOOD

Adsorption compression on cellulose and wood - Pt. 1 -  
Density measurements in benzene, by A. J. Stamm &  
R. M. Seborg. Jour. Phys. Chem., Jan. 1935.

Chemistry of slash pine (*Pinus caribaea*, Morelet) -Pt.  
1 - Fatty constituents of the phloem, by J. A. Hall  
& Ole Gisvold. Jour. Biol. Chem., May 1935.

\*Corrosion of metal fastenings in zinc-chloride treated  
wood, by R. H. Baechler. Indus. & Eng. Chem.,  
Dec. 1934.

\*Minimizing shrinking and swelling of wood by replacing  
the water with nonvolatile materials, by A. J.  
Stamm & L. A. Hansen. Mimeograph R1062, June 1935.

\*Swelling of wood (a technical discussion of the phen-  
omenon of swelling in wood), by A. J. Stamm.  
Indus. & Eng. Chem., Apr. 1935.  
Same. Mimeograph R1061

Thermodynamics of the swelling of wood, by A. J. Stamm &  
W. K. Loughborough. Jour. Phys. Chem., Jan. 1935.

## GLUE, PLYWOOD, AND COATINGS

\*Artificial resin glues for plywood. Mimeograph R1055,  
Mar. 20, 1935.

Painting characteristics of hardwoods, by F. L. Browne.  
Indus. & Eng. Chem., Jan. 1935.

Repainting paint-neglected frame houses, by F. L. Browne.  
Nat'l. Painters Mag. Pt. 1, Apr. 1935.  
Pt. 2, May 1935.  
Pt. 3, June 1935.

## MECHANICAL PROPERTIES OF WOOD

\*Forest Products Laboratory prefabrication system a new  
departure in all-wood housing, by G. W. Trayer.  
Hardwood Record, May 1935.

Same. Mimeograph R1059.

Same. New departure in all-wood house. South.  
Lbrman., May 1, 1935.

Same. New prefabricated house. West Coast Lum-  
berman., June 1935.

Same. Plywood featured in all-wood fabricated  
house, Timberman, May 1935.

Same. New development in all-wood house, Canadian  
Woodworker & Furn. Mfr., May 1935.

\*Good practice in nailing wood, by L. J. Markwardt &  
J. M. Gahagan. Nat'l. Safety News, Mar. 1935.

\*New building demonstrates modern wood construction,  
by L. V. Teesdale. Eng. News-Record, Apr. 11,  
1935.

Same. Modern wood prefabrication may lower  
cost of building. American Lumberman.,  
Apr. 27, 1935.

Same. Plywood in building: Adaptable to modern  
construction and architecture. Wood Prod-  
ucts, May 1935.

## PULP AND PAPER

- \*Improved pulpwood grinder for experimental work, by E. R. Schafer & J. C. Pew. Paper Trade Jour., June 20, 1935.

Resume of recent literature on hydration theories and associated phenomena, by F. A. Simmonds. TAPPI papers, June 1935.

Study of the color principle in western hemlock ground-wood pulp, by C. E. Curran, E. R. Schafer & J. C. Pew. TAPPI papers, June 1935.

## SEASONING OF WOOD

- \*Kiln drying beer barrel staves, by H. D. Tiemann. Brewery Age, Jan. 1935.  
Same. Natl. Coopers' Jour., Mar. 1935.  
Same. Successful kiln drying of oak barrel staves. Barrel & Box & Packages, Jan. 1935.

## SHIPPING CONTAINERS

- Counting the plies in solid fiber board, by R. H. Baechler. Fibre Containers, June 1935.
- Forest Products Laboratory launches investigation of fiber boards with new machinery, by C. A. Plaskett. Fibre Containers, June 1935.

## WOOD PRESERVATION

- \*Experiments in fireproofing wood - 5th Progress Report, by T. R. Truax, C. A. Harrison & R. H. Baechler. American Wood-Preservers' Assn. Proceedings, 1935.
- \*Toxicity in relation to the position and number of chloride atoms in certain chlorinated benzene derivatives, by Ira Hatfield. Amer. Wood-Preservers' Assn., Proceedings 1935.

- \*Decay resistance in woods for window sash and frames, by G. M. Hunt. South. Librarian., Apr. 1, 1935. Same. Mimeograph R919 (revised Mar. 1935).
- \*International termite exposure test - 6th Progress Report, by G. M. Hunt & T. E. Snyder. American Wood-Preservers' Association Proceedings, 1935.
- \*Temperature and moisture changes in Coast Douglas Fir, by J. D. MacLean. Amer. Wood-Preservers' Assn. Proceedings, 1935.

### WOOD STRUCTURE

- A naval stores handbook (dealing with the production of pine gum or oleoresin), compiled by the Forest Service, the Bureau of Entomology & Plant Quarantine, and the Bureau of Plant Industry. U. S. Dept. Agr. Misc. Pub. 209, Jan. 1935. For sale by Supt. of Documents, Government Printing Office, Washington, D. C., for 20 cents each, cash or money order.
- \*Science of wood identification: An interview with Don Wilson, by Arthur Koehler. Mimeograph of radio talk broadcast from WJZ, Feb. 16, 1935.
- Who made that ladder? by Arthur Koehler. Sat. Evening Post, Apr. 20, 1935. Same. (condensed) Readers' Digest, June 1935.
- Wood's case against Hauptmann. American Forests, May 1935.

### WOOD UTILIZATION, LOGGING, AND MILLING

- \*Economic and social importance of a sustained supply of raw material for the wood-using industries in the Lake States, by R. D. Garver. Mimeograph R1060, Apr. 1935.

Overcup oak for lumber, by R. D. Garver. Southern  
Lbrman., June 1, 1935.

\*Selective logging in the loblolly and longleaf pine  
forests of South Carolina, by R. D. Garver &  
J. B. Cuno. Mimeograph R1056, Mar. 1935.

#### MISCELLANEOUS

\*Log of the Lab, Jan. 15, 1935.

\*Log of the Lab, May 10, 1935.

#### PUBLISHERS OF TRADE JOURNALS AND MAGAZINES INCLUDED IN REFERENCES

American Forests, 1727 K St. NW., Washington, D. C.  
American Lumberman, 431 S. Dearborn St., Chicago, Ill.  
American Wood-Preservers' Assn., 1427 Eye St., Wash. D. C.  
Barrel & Box & Packages, 330 S. Wells St., Chicago, Ill.  
Brewery Age, 43 E. Ohio St., Chicago, Ill.  
Canadian Woodworker & Furn. Mfr., 345 Adelaide St., Toronto.  
Engineering News-Record, 330 W. 42nd St., New York City.  
Fibre Containers, 228 N. LaSalle St., Chicago, Ill.  
Hardwood Record, 537 S. Dearborn St., Chicago, Ill.  
Indus. & Eng. Chem., 706 Mills Bldg., Washington, D. C.  
Journal Biological Chemistry, Mt. Royal & Guilford Aves.,  
Baltimore, Md.  
Jour. Phys. Chem., Mt. Royal & Guilford Aves., Baltimore, Md.  
Natl. Coopers' Jour., P. O. Box 782, Philadelphia, Pa.  
Natl. Painters' Magazine, 12 Gold St., New York City.  
National Safety News, 20 N. Wacker Drive, Chicago, Ill.  
Paper Trade Journal, 15 W. 47th St., New York City.  
Readers Digest, Pleasantville, N. Y.  
Saturday Evening Post, Independence Sq., Philadelphia, Pa.  
Southern Lumberman, Presbyterian Bldg., Nashville, Tenn.  
TAPPI, Tech. Assn. of the Pulp & Paper Industry, 122 E.  
42nd St., New York City.  
Timberman, 329 Oak St., Portland, Ore.  
West Coast Lumberman, 71 Columbia St., Seattle, Wash.  
Wood Products, 431 S. Dearborn St., Chicago, Ill.



U. S. FOREST PRODUCTS LABORATORY

MADISON, WISCONSIN.

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LIST OF PUBLICATIONS JULY 1 TO DECEMBER 31, 1935

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Trade journals and magazines referred to, if not available in your local library, may be obtained from the list of publishers given on the last page.

CHEMISTRY OF WOOD

\*Effect of changes in the equilibrium relative vapor pressure upon the capillary structure of wood, by A. J. Stamm. Physics, Oct. 1935.  
Same. Mimeograph R1075.

\*Effect of pretreatments of wood on the lignin determination: Distribution of methoxyls in wood, by G. J. Ritter & J. H. Barbour. Indus. & Eng. Chem., Analyt. Ed., July 15, 1935.  
Same. Mimeograph R1069.

Microstructure of cellulose, by G. J. Ritter. Rayon & Melliland Textile Monthly. Sept., Oct., 1935.

\*Morphology of wood cellulose fibers as related to the manufacture of paper, by G. J. Ritter. Paper Trade Jour., Oct. 31, 1935.

COATINGS

\*Effect of extractive substances in certain woods on the durability of paint coatings, by F. L. Browne. Mimeograph R1073, Oct. 1935.

Effect of change from linnoxyn gel to xerogel on the behavior of paint, by F. L. Browne. Colloid Symposium Monog., June 1934, published by Williams & Wilkins Co.

An exposure test on repainting wood surfaces - 1st Progress Report, by F. L. Browne, for the St. Paul test fence committee. Oil, Paint & Drug Reporter, Nov. 14, 1935.

Same. American Paint Jour., Oct. 29, 1935.

Same. Exposure test on repainting. Paint & Varnish Prod. Manager, Nov. 1935.

Same. Paint, Oil & Chem. Review, Nov. 14, 1935.

How many coats of paint? by F. L. Browne. Ry. Engin. & Maintenance, Apr. 1935.

\*What paint salesmen can do to prevent paint complaints, by F. L. Browne. Drugs, Oils & Paints, Nov. 1935.

Same. Mimeograph R1064.

Same. Paint, Oil & Chem. Review, Aug. 8, 1935.

#### MECHANICAL PROPERTIES OF WOOD

All-wood houses by machinery, by T. J. Mosley. American Forests, July 1935.

\*Latest developments in glued-arch construction, by T. R. C. Wilson. American Lumberman, Dec. 21, 1935.

Plywood research: How Forest Products Laboratory is aiding in the development of plywood construction, by G. W. Trayer. Timberman, Dec. 1935.

Prefabrication: The all-wood viewpoint, by G. W. Trayer and Hamilton Beatty.

Same. Products and practice: The lumber industry takes steps to join the procession of those seeking new markets through prefabricated houses. Architectural Forum, Adv. Sect., July 1935.

Same. Prefabrication with wood. Architectural Record, Aug. 1935.

Same. Scientists produce a prefabricated house. Am. Architect, June 1935.

Strength and related properties of wood grown in the United States, by L. J. Markwardt & T. R. C. Wilson. U. S. Dept. Agr. Tech. Bul. 479. For sale by Supt. of Documents, Government Printing Office, Washington, D. C. for 25 cents each, cash or money order.

Timber species for car bracing, by J. A. Newlin. Minutes of Shippers' Advisory Boards, Amer. Ry. Assn., Jan. 1935.

Wood Handbook: Basic information on wood as a material of construction with data for its use in design and specifications, by Forest Products Laboratory. U. S. Dept. Agr. unnumbered publication. For sale by Supt. of Documents, Government Printing Office, Washington, D. C., for 25 cents each, cash or money order.

#### PULP AND PAPER

\*Effect of temperature and consistency in mechanical pulping, by E. R. Schafer & J. C. Pew. Paper Trade Jour., Sept. 26, 1935.

Same. Temperature and consistency in mechanical pulping. Paper Mill & Wood Pulp News, Sept. 21, 1935.

\*Method for converting sodium sulphide to sodium carbonate in the recovery of soda base sulphite pulping liquor, by P. S. Billington, G. H. Chidester & C. E. Curran. Pacific Pulp & Paper Indus., Oct. 1935.

Same. Paper Trade Journal, September 12, 1935.

National pulp and paper requirements in relation to forest conservation: A report, by C. E. Curran & C. E. Behre. Senate Doc. 115. For sale by Supt. of Documents, Government Printing Office, Washington, D. C., for 10 cents each, cash or money order.

Abstract of same. Fibre Containers, Sept. 1935;  
Paper Mill & Wood Pulp News, Sept. 14, 1935;  
Pacific Pulp & Paper Indus., Aug. 1935.

\*Pulp and paper research facilities of the U. S. Forest Products Laboratory, by C. E. Curran.

Same. Twenty-five years of research. Paper Indus., July 1935.

\*Resume of recent literature on hydration theories and associated phenomena, F. A. Simmonds. Paper Trade Jour., July 18, 1935.

\*Study of the color principle in western hemlock groundwood, by C. E. Curran, E. R. Schafer & J. C. Pew. Pac. Pulp & Paper Indus., July 1935.

Same. Paper Trade Jour., Aug. 22, 1935.

Summary of same. Pulp & Paper Mag. of Canada, July 1935.

#### SEASONING OF WOOD

\*Effect of storage on the moisture content of lumber, by J. S. Mathewson. Hardwood record, July 1935.

Same. Mimeograph R1071.

Same. Timberman, Aug. 1935; Southern Lbrman., Aug. 1, 1935.

Same. Lumber storage: Survey shows effect on moisture content of lumber when covered and piled in the open. Wood Products, July 1935.

Same. How the moisture content of lumber is affected by storage methods. Furniture Manfr., July 1935.

To prevent warp in shed door, by W. K. Loughborough.  
American Lumberman, Aug. 31, 1935.

### WOOD PRESERVATION

\*Factors that influence the decay of untreated wood in service and comparative decay resistance of different species. Rev. July 1935. Mimeograph R68.

Manual on preservative treatment of wood by pressure, by J. D. MacLean. U. S. Dept. Agr. Misc. Pub. 224, Aug. 1935. For sale by Supt. of Documents, Government Printing Office, Washington, D. C., for 15 cents each, cash or money order.

\*Mill practices that influence the occurrence of sap stain in lumber, by Ira Hatfield. South. Lbrman, Aug. 15, 1935.  
Same. Mimeograph R1070.

Treated wood for houses, by G. M. Hunt. Pac. Coast Bldg. Officials' Conference, Bul. 4, Sept. 1935.

\*University Avenue test track at Madison, Wis., by R. M. Wirka. Amer. Wood-Pres. Assn. Proc., 1935.

### WOOD STRUCTURE

Biochemical phases of oleoresin production, by Eloise Gerry & J. A. Hall. Plant Physiol., Aug. 1935.

Properties and sulphate pulping characteristics of compression wood, by M. Y. Pillow & M. W. Bray. Paper Trade Jour., Dec. 26, 1935.  
Same. Paper Mill & Wood Pulp News, Dec. 21, 1935.

### WOOD UTILIZATION, LOGGING & MILLING

\*Hardwoods of the South: A 16-page illustrated folder setting forth the results of preliminary studies

at the Forest Products Laboratory on working qualities and machining characteristics of southern hardwoods.

\*Holding the market for wood: A field for cooperation of research and industry, by C. V. Sweet.  
South. Lumberman, Dec. 15, 1935.

\*Small sawmill improvement: Practical pointers to field agencies: setting up a ground mill, by C. J. Telford. Mimeograph R899-11, July 24, 1935.

\*Turning qualities of southern hardwoods, by E. M. Davis.  
Hardwood Record, Aug. 1935.  
Same. Memphis Lbrman. & South. Woodworker,  
Aug. 1935.

#### MISCELLANEOUS

\*Fifty years ahead: a research viewpoint, by C. P. Winslow. American Lumberman, Nov. 9, 1935.  
Same. Mimeograph R1072.  
Same. Timberman, Nov. 1935.  
Same. The forest industries look ahead.  
American Forests, Dec. 1935.

\*Forest Products Laboratory. A 16-page illustrated story about the work of the Laboratory, Oct. 1935.

\*Log of the Lab, July 20, 1935.

\*Log of the Lab, Dec. 1, 1935.

\*Research in forest products: annual report, Forest Products Laboratory. Mimeograph R1068, Aug. 1935.

#### PUBLISHERS OF TRADE JOURNALS AND MAGAZINES INCLUDED IN REFERENCES

American Architect, 57th St. & 8th Ave., New York City.  
American Forests, 1727 K St. NW., Washington, D. C.

American Lumberman, 431 S. Dearborn St., Chicago, Ill.  
American Paint Journal, 3713 Washington Ave., St. Louis, Mo.  
American Railway Association, Chicago, Ill.  
American Wood Preservers' Assn., 1427 Eye St., Washington, D. C.  
Architectural Forum, 220 E. 42nd St., New York City.  
Architectural Record, 119 W. 40th St., New York City.  
Drugs, Oils & Paints, 901 Cunard Bldg., Philadelphia, Pa.  
Fibre Containers, 228 N. LaSalle St., Chicago, Ill.  
Furniture Manfr., 200 Division Ave. N., Grand Rapids, Mich.  
Hardwood Record, 537 S. Dearborn St., Chicago, Ill.  
Indus. & Eng. Chem., 706 Mills Bldg., Washington, D.C.  
Memphis Lbrman. & So. Woodworker, Bank of Commerce Bldg., Memphis, Tenn.  
Oil, Paint & Drug Reporter, 12 Gold St., New York City.  
Pacific Coast Bldg. Officials' Conf., 124 W. 4th St., Los Angeles, Calif.  
Pacific Pulp & Paper Indus., 71 Columbia St., Seattle, Wash.  
Paint & Varnish Production Manager, Riverside, Conn.  
Paint, Oil & Chemical Review, 537 S. Dearborn St., Chicago, Ill.  
Paper Industry, 333 N. Michigan Ave., Chicago, Ill.  
Paper Mill & Wood Pulp News, P.O. Box 310, Times Sq. Station, New York City.  
Paper Trade Journal, 15 W. 47th St., New York City.  
Physics, 11 E. 38th St., New York City.  
Plant Physiology, Line & Green Sts., Lancaster, Pa.  
Pulp & Paper Mag. of Canada, Gardenvale, Que., Canada.  
Railway Engineering & Maintenance, 105 W. Adams St., Chicago, Ill.  
Rayon & Melliand Textile Monthly, 303 5th Ave., New York City.  
Southern Lumberman, Presbyterian Bldg., Nashville, Tenn.  
Timberman, 329 Oak St., Portland, Oreg.  
Williams & Wilkins Co., Baltimore, Md.  
Wood Products, 431 S. Dearborn St., Chicago, Ill.

